

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A PEDESTRIAN ACTIVATED HAZARD IDENTIFICATION BEACON (HIB) AT THE MIDDLEBLOCK PEDESTRIAN CROSSING FOR THE NORTHWEST BRANCH TRAIL AT MD 208 IN PRINCE GEORGE'S COUNTY. MD 208 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE HIB WILL ALTERNATELY FLASH YELLOW FOR MD 208 WHEN THE PEDESTRIAN PUSHBUTTON IS ACTIVATED.

CONTACTS

The contact persons for this project are as follows:

Ms. Felecia Murphy (PC)
Assistant District Engineer - Traffic
Phone: (301) 513-7404

Mr. Vernon Stinnett
Assistant District Engineer - Maintenance
Phone: (301) 513-7304

Mr. Victor Grafton
Utility Engineer
Phone: (301) 513-7350

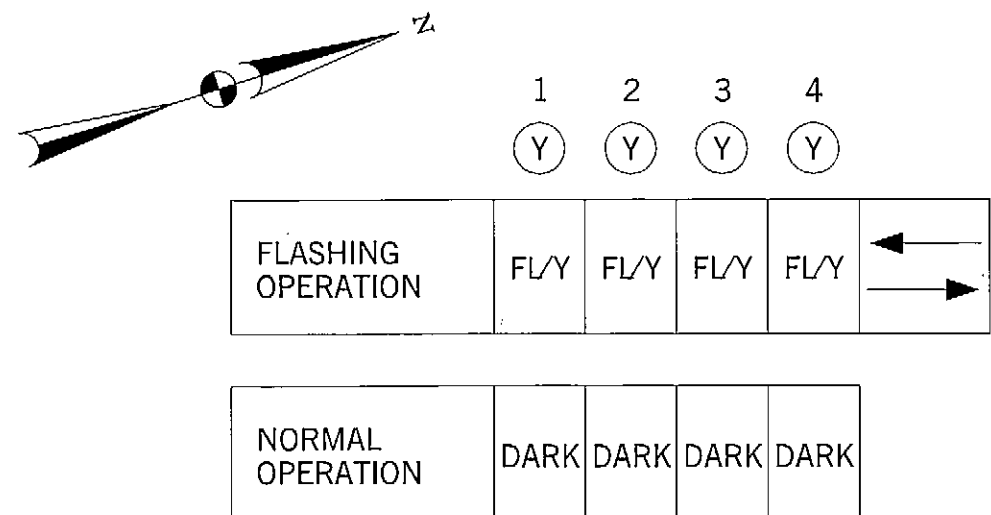
Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

Mr. Ed Rodenhizer
Supervisor, Signal Operations
Phone: 410-787-7650

Mr. Sonny Bailey
Supervisor, Sign Shop
Phone: 410-787-7676

Mr. Mike Stocker
Supervisor, Signal Warehouse
Phone: 410-787-7668

PHASE CHART



EQUIPMENT LIST FOR CONTRACT NO. XX3545168R

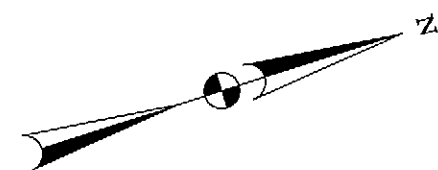
A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM	QUANTITY	UNIT	DESCRIPTION
9042	1	EA	[UPDATED] CONTROLLER ASC II WITH TELEMETRY
9044	1	EA	[UPDATED] CONTROLLER CABINET, SIZE 6
9570	46	SF	[UPDATED] SHEET ALUMINUM GROUND MOUNTED SIGN
	2	EA	R10-4 (MOD) (9" X 12")
	2	EA	W16-9p (24" X 12")
	4	EA	W11-15 (36" X 36")
	2	EA	W16-7p (L) (24" X 12")

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM	QUANTITY	UNIT	DESCRIPTION
1003	1	EA	MAINTENANCE OF TRAFFIC
2002	1	CY	TEST PIT EXCAVATION
8001	4	EA	12 INCH LED SIGNAL HEAD SECTION
8009	2	EA	BREAKAWAY PEDESTAL POLE (ANY SIZE)
8012	1	EA	EMBEDDED METERED SERVICE PEDESTAL
8024	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8034	55	LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED
8036	45	LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
8037	32	LF	WOOD SIGN SUPPORTS UP TO 4"X 6"
8038	46	SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)
8040	125	LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8043	45	LF	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-THHN/THWN
8044	2	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8051	125	LF	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
8053	150	LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8061	1	EA	INSTALL CONTROLLER AND CABINET - BASE MOUNT
8062	150	LF	1-CONDUCTOR ELECTRICAL CABLE, NO. 2 AWG/THHN
8063	2	EA	NEG-APPROVED-F&I STANDARD NON-AUDIBLE PEDESTRIAN PUSH BUTTON

WIRING DIAGRAM



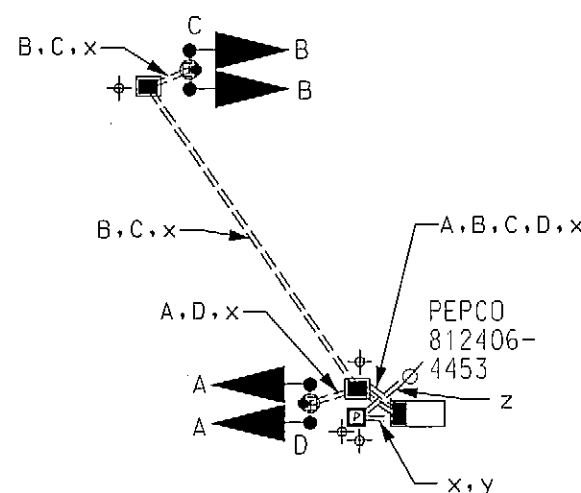
MD 208 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

WIRING KEY

- WIRING KEY
- A, B } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
 - C, D } 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
 - x } NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
 - y } 3 WIRES, 1 CONDUCTOR ELECTRICAL CABLE (NO. 8 AWG THHN/THWN)
 - z } 3 WIRES, 1 CONDUCTOR ELECTRICAL CABLE (NO. 2 AWG/THHN)
 - + } GROUND ROD

NOTE:

THE CONTRACTOR WILL REQUEST A "WORK WITH" FROM PEPCO FOR THE INSTALLATION OF THE SERVICE CABLE. IT HAS BEEN ASSUMED AND ESTIMATED THAT ADDITIONAL SERVICE CABLE WILL BE COILED AND ATTACHED (TO THE WOOD POLE) TO PEPCO STANDARDS.



TOD NO: XX354-26
SHA NO: PG901A58/K58
MD 208 @ Northwest Branch Trail
MD 212 @ Sligo Creek Trail
MD 410 @ Sligo Creek Trail



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 208 AT NORTHWEST BRANCH TRAIL
HYATTSVILLE, MD

GENERAL INFORMATION PLAN SHEET

SCALE NTS DATE 10/10 CONTRACT NO. XX3545168R

DESIGNED BY XM COUNTY PRINCE GEORGE'S
DRAWN BY XM LOGMILE 16020801.16
CHECKED BY JB TMS NO. K182
F.A.P. NO. TOD NO.

TS NO. 4778 DRAWING - OF SHEET NO. 2 OF 2



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PLOTTED: Thursday, January 27, 2011 AT 12:36 PM
FILE: P:\09-002 TEDD\Task 33 MD Prince Georges H&B\Drawings\CADD\Working\MD 208 @ NW Branch Trail\pGG-P000_MD208@NWBranchTrail.dgn